T BOOK

ions		Contents	Reference to last Measurement
Breadth	Depth		
5	6	7	8
		Work done Spot	

Fee

First & Final Bill

BR-477 28/2/15

M. A. R. 57 (Rule 116)

Measurement Book

No. B

Serial No. .....

Name of work Improvements and Asphalting to Bloom Field Cracden Roads in ward No-10. From ..... To 192177

Name of Contractor of nature of Agency..... K.R.I.D.L. .....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Work Code No; 010-14-000010.						
	Agreement No; 676 Date 05-08-2014.						
	Work order No; EE/BTP/KRIDL/WO/676/2013-14					Date 05-03-2014.	
	Address of Agency; #113, 11th Cross Road 3rd floor Poorna Park Road, Malleshwaram Bangalore-560003						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1) Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed the disposed earth to be leveled neatly after breaking of clods etc complete as per specifications.						
	JST Main Road	L	30.00	0.45	0.35 =	4.73 Cum	
		L	11.50	0.45	0.30 =	1.55 Cum	
		L	30.80	0.45	0.30 =	4.16 Cum	
		L	35.40	0.45	0.35 =	5.58 Cum	
	JST Cross Road	L	30.00	0.45	0.35 =	4.73 Cum	
		L	30.00	0.45	0.30 =	4.05 Cum	
		L	30.00	0.45	0.35 =	4.73 Cum	
		L	30.00	0.45	0.30 =	4.05 Cum	

Serial No. .....
Name of work .....
Name of Contractor of nature of Agency....
Date of commencement of work.....

Date	Full description, etc, of work
1	2
	2nd cross
	3rd cross

OOK

th	Depth 6	Contents 7	Reference to last Measurement 8
		ordinary soil involving rs) and an average lift Sods neatly dressed after breaking of clods	
	0.35 =	4.73 cum	
	0.30 =	1.55 cum	
	0.30 =	4.16 cum	
	0.35 =	5.58 cum	
	0.35 =	4.73 cum	
	0.30 =	4.05 cum	
	0.35 =	4.73 cum	
	0.30 =	4.05 cum	

C/F-C

M. A. R. 57 (Rule 116)
Measurement Book

No. B

192173

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1	30.00	0.45	0.30 =	4.05 cum	
		1	30.00	0.45	0.30 =	4.05 cum	
		2	37.70	0.45	0.30 =	10.05 cum	
	2nd cross	2	30.00	0.45	0.30 =	8.10 cum	
		2	30.00	0.45	0.35 =	9.45 cum	
		2	30.00	0.45	0.30 =	8.10 cum	
		2	30.00	0.45	0.30 =	8.10 cum	
		2	30.00	0.45	0.30 =	8.10 cum	
		2	30.00	0.45	0.30 =	8.10 cum	
		2	30.00	0.45	0.35 =	9.45 cum	
		2	20.50	0.45	0.30 =	5.54 cum	
	3rd cross	2	30.00	0.45	0.30 =	8.10 cum	
		2	30.00	0.45	0.30 =	8.10 cum	

C/F-C

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2	30.00	0.45	0.35 =	9.45 Cum	
			10.00	0.45	0.30 =	1.35 Cum	
	Berm Cutting						
	1st Main Road						
		1	30.00	0.60	0.15 =	2.70 Cum	
		1	11.50	0.60	0.15 =	2.70 Cum	
		1	30.80	0.60	0.15 =	2.77 Cum	
		1	35.40	0.60	0.20 =	3.60 Cum	
	1st Cross						
		1	30.00	0.60	0.15 =	2.70 Cum	
		1	30.00	0.60	0.10 =	1.80 Cum	
		1	30.00	0.60	0.10 =	1.80 Cum	
		1	30.00	0.60	0.25 =	4.50 Cum	
		1	30.00	0.60	0.10 =	1.80 Cum	
		1	30.00	0.60	0.10 =	1.80 Cum	
		1	37.70	0.60	0.20 =	4.52 Cum	

C/F

Serial No. .....

Name of work .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work
1	2
	2nd Cross
	3rd Cross

BOOK

s		Contents	Reference to last Measurement
adth	Depth		
	6	7	8
5	0.35 =	9.45 Cum	
5	0.30 =	1.35 Cum	
0	0.15 =	2.70 Cum	
0	0.15 =	2.70 Cum	
0	0.15 =	2.07 Cum	
0	0.20 =	3.60 Cum	
0	0.15 =	2.70 Cum	
0	0.10 =	1.80 Cum	
0	0.10 =	1.80 Cum	
0	0.28 =	4.50 Cum	
0	0.10 =	1.80 Cum	
0	0.10 =	1.80 Cum	
	0.20 =	4.52 Cum	

C/F

M. A. R. 57 (Rule 116)
Measurement Book

No. B 192179

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	2nd cross	1	30.00	0.60	0.10 =	1.80 Cum	
		1	30.00	0.60	0.15 =	2.70 Cum	
		1	30.00	0.60	0.10 =	1.80 Cum	
		1	30.00	0.60	0.10 =	1.80 Cum	
		1	30.00	0.60	0.15 =	2.70 Cum	
		1	30.00	0.60	0.10 =	1.80 Cum	
		1	20.50	0.60	0.10 =	1.23 Cum	
	3rd cross	1	30.00	0.60	0.10 =	1.80 Cum	
		1	30.00	0.60	0.10 =	1.80 Cum	
		1	30.00	0.60	0.20 =	3.60 Cum	
		1	10.00	0.60	0.20 =	1.20 Cum	
					total =	187.25 Cum	

C/F

K

Depth 6	Contents 7	Reference to last Measurement 8
=	55.00 Sqm	
otal =	3507.47 Sqm	
=	3489.20 Sqm	
	Rs	367491.00
emulsion on cleaning of road 6 kg/Sqm using tions and	3488.20 Sqm	
	Rs	154502.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 192185

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Number 3	Dimensions Length 4	Dimensions Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	6) Providing and laying Semi-dense bituminous concrete 25mm thick 100-120 TPH batch type HMP producing and average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 4.5 to 5% of mix a hydrostatic paver finisher with sensor control to the required, grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired with 80/100 grade bitumen. etc complete as per specifications.						
	1st Main Road	1	30.00 (6.20+5.80)/2		0.025 =	4.50 Cum	
		1	11.50 (5.8+5.60)/2		0.025 =	1.64 Cum	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	JSH Cross	1	30.80	$\frac{(5.8+6.50)}{2}$	0.025 =	4.74 Cum	
		1	35.40	$\frac{(5.8+6.0)}{2}$	0.025 =	5.22 Cum	
		1	30.00	$\frac{(5.9+5.20)}{2}$	0.025 =	4.16 Cum	
		1	30.00	$\frac{(5.20+5.50)}{2}$	0.025 =	4.01 Cum	
		1	30.00	$\frac{(5.5+5.40)}{2}$	0.025 =	4.09 Cum	
		1	30.00	$\frac{(5.4+5.60)}{2}$	0.025 =	4.13 Cum	
		1	30.00	$\frac{(5.6+5.50)}{2}$	0.025 =	4.16 Cum	
		1	30.00	$\frac{(5.5+5.90)}{2}$	0.025 =	4.28 Cum	
		1	37.70	$\frac{(5.9+5.50)}{2}$	0.025 =	5.37 Cum	

C&F

Serial No. .....

Name of work .....

Name of Contractor of nature of Agency....

Date of commencement of work.....

Date	Full description, etc, of work
1	2
	2nd Cross

pth 6	Contents 7	Reference to last Measurement 8
28 =	4.74 Cum	
28 =	5.22 Cum	
28 =	4.16 Cum	
028 =	4.01 Cum	
28 =	4.09 Cum	
28 =	4.13 Cum	
28 =	4.16 Cum	
28 =	4.28 Cum	
28 =	5.37 Cum	

C&F

M. A. R. 57 (Rule 116)
Measurement Book

No. B

192186

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Number 3	Dimensions Length 4	Dimensions Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	2nd Cross	1	30.00 (5.5+5.40)/2		0.028 =	4.09 Cum	
		1	30.00 (5.40+5.70)/2		0.028 =	4.16 Cum	
		1	30.00 (5.7+5.30)/2		0.028 =	4.13 Cum	
		1	30.00 (5.30+5.80)/2		0.028 =	4.16 Cum	
		1	30.00 (5.8+5.40)/2		0.028 =	4.20 Cum	
		1	30.00 (5.4+5.50)/2		0.028 =	4.09 Cum	
		1	20.50 (5.5+5.50)/2		0.028 =	2.82 Cum	

C&T

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	3rd Cross	1	30.00 (6.0+5.40)/2		0.025 =	4.28 Cum	
		1	30.00 (5.4+5.50)/2		0.025 =	4.09 Cum	
		1	30.00 (5.5+5.20)/2		0.025 =	4.01 Cum	
		1	16.00 (5.20+5.80)/2		0.025 =	1.38 Cum	
					Total =	87.69 Cum	
		Qty limited to Tender			=	87.23 Cum	
		@ Rs 9631.44				Rs 840151.00	
	7) Lead for Disposal of Debris shall be payable at carriage x qty by mechanical means including loading and unloading etc complete as per Specifications						

C & F ①

Ser.....
Nam.....
Nam... of nature of Agency... 1C
Date of commencement of work.....

Date	Full description, etc, of work
1	2
	Qty vide Item No 8 & 9
	8) Add L/f for third pa
	9) Add L/f for K.R.I.D.C
	Certificate certified th satisfactory and no departmentary

K

Depth 6	Contents 7	Reference to last Measurement 8
.025 =	4.28 Cum	
028 =	4.08 Cum	
028 =	4.01 Cum	
.028 =	1.38 Cum	
otal =	87.69 Cum	
=	87.23 Cum	
	RS 840151.00	

Carriage & dety
on loading etc

M. A. R. 57 (Rule 116)
Measurement Book

No. B 192187

Ser .....
Nar ..... From ..... To .....
Nar ... of nature of Agency.....
Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Qty vide Item No-01 @ RS 72.71					1847.17 Cum	RS 134172.87
	8) Add 1 % for third party inspection charges						RS 17845.49
	9) Add 11 % for K.R.I.D.C charges						RS 196299.94
							Total RS 1998690.26

Certificate: certified that the above work done satisfactory and no materials issued for departmentary

Zadhav
AE 28/11/2014

28/11/14

IT - 79617 -
VAT - 79234
ED - 118851 -
CVD - 19808 -
CESS - 1981

Zadhav
AE. 28/11/2014